TOT23T 9892001

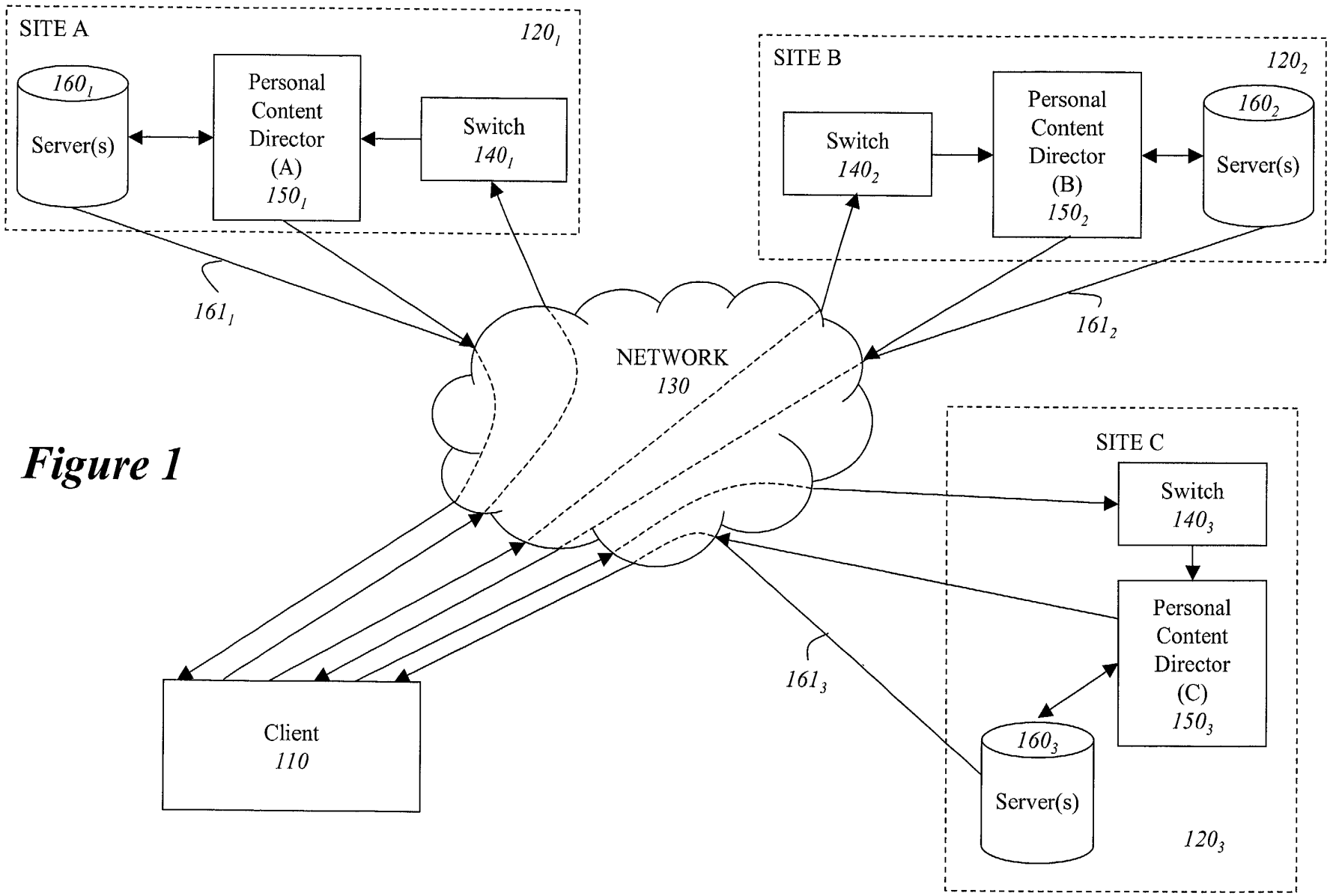

Figure 1

TOT22T "989/200T

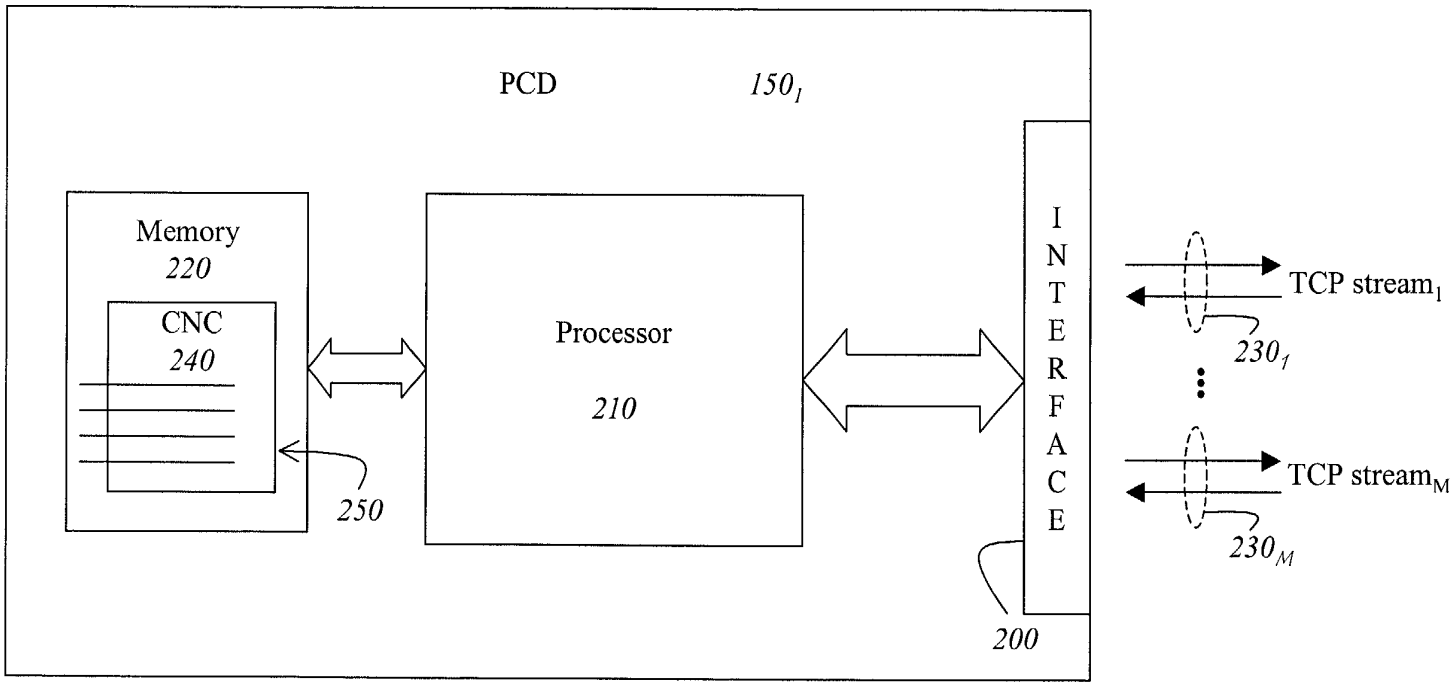

Figure 2

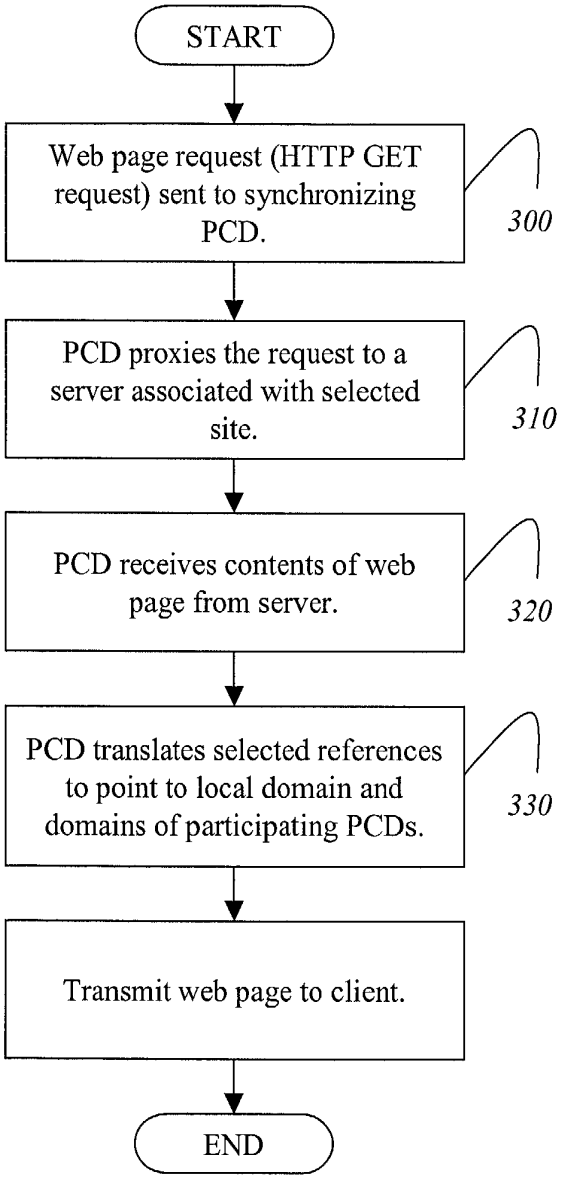
START
Web page request (HTTP GET request) sent to synchronizing PCD.
300
PCD proxies the request to a server associated with selected site.
310
PCD receives contents of web page from server.
320
PCD translates selected references to point to local domain and domains of participating PCDs.
330
Transmit web page to client.
END

Figure 3

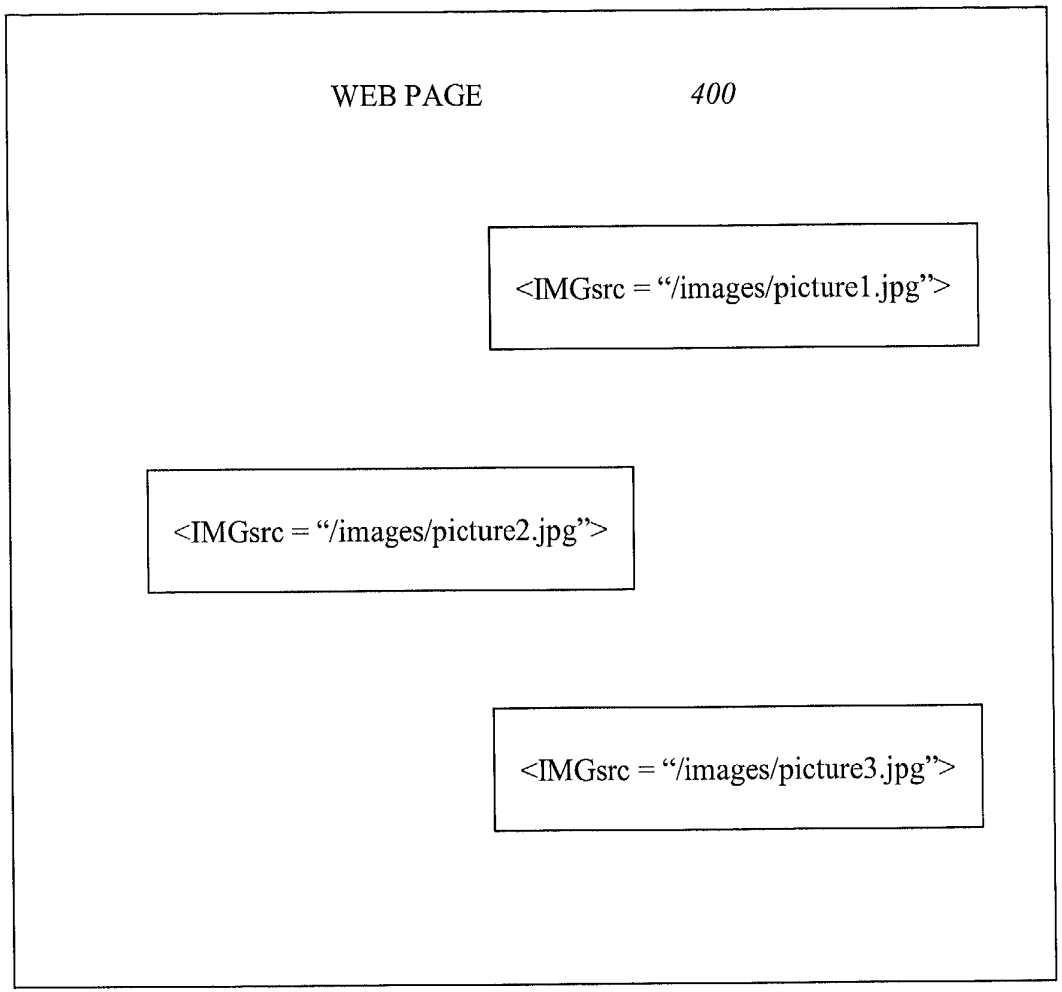
WEB PAGE
400
<IMGsrc = "/images/picture1.jpg">
<IMGsrc = "/images/picture2.jpg">
<IMGsrc = "/images/picture3.jpg">

Figure 4

ORIGINAL IMAGE		TRANSLATED IMAGE	
410	<IMGsrc = "/images/picture1.jpg"> →	<IMGsrc = "http://wwwa.nortelnetworks.com/images/picture1.jpg">	*510*
420	<IMGsrc = "/images/picture2.jpg"> →	<IMGsrc = "http://wwwb.nortelnetworks.com/images/picture2.jpg">	*520*
430	<IMGsrc = "/images/picture3.jpg"> →	<IMGsrc = "http://wwwc.nortelnetworks.com/images/picture3.jpg">	*530*

Figure 5

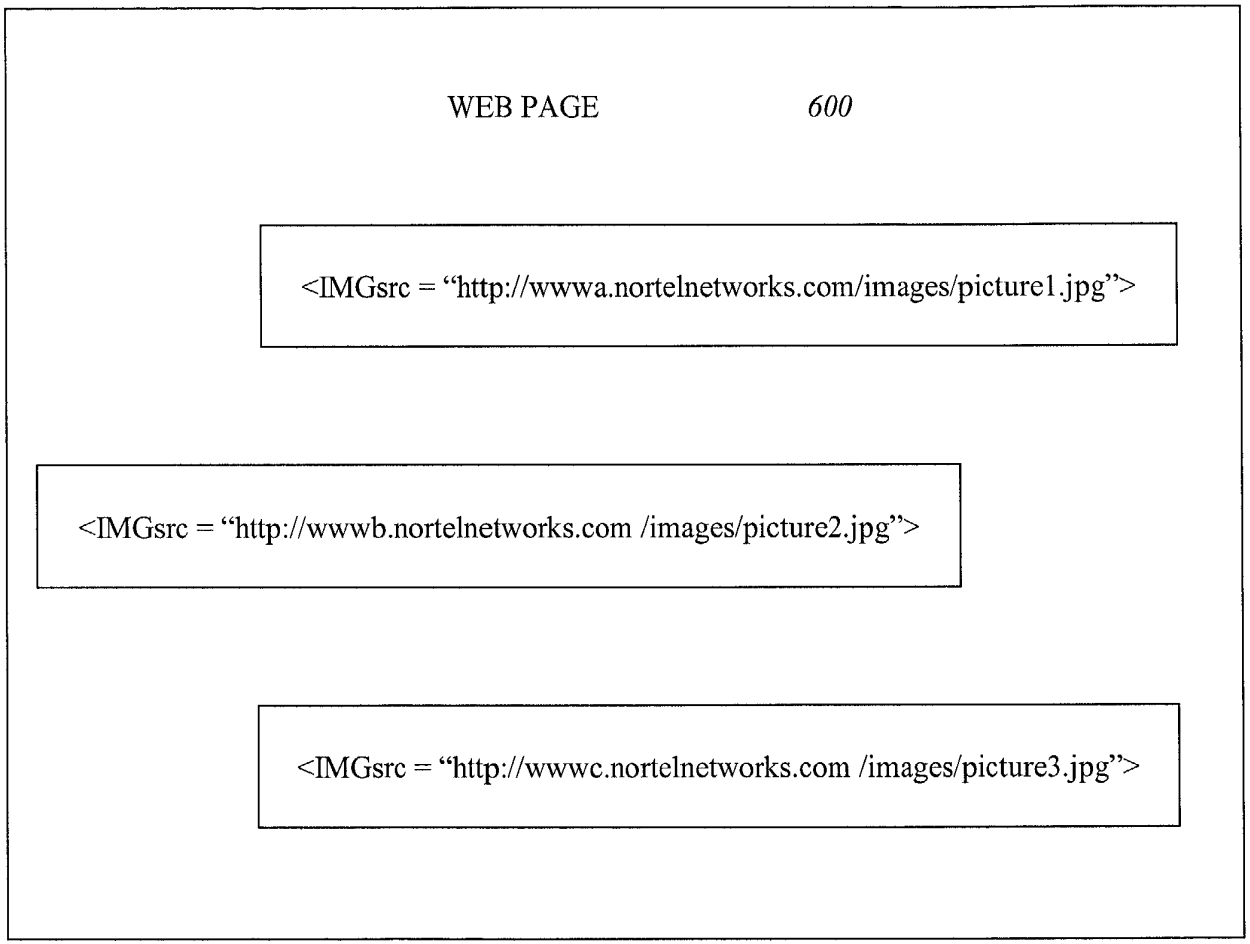
WEB PAGE 600
<IMGsrc = "http://wwwa.nortelnetworks.com/images/picture1.jpg">
<IMGsrc = "http://wwwb.nortelnetworks.com /images/picture2.jpg">
<IMGsrc = "http://wwwc.nortelnetworks.com /images/picture3.jpg">

Figure 6

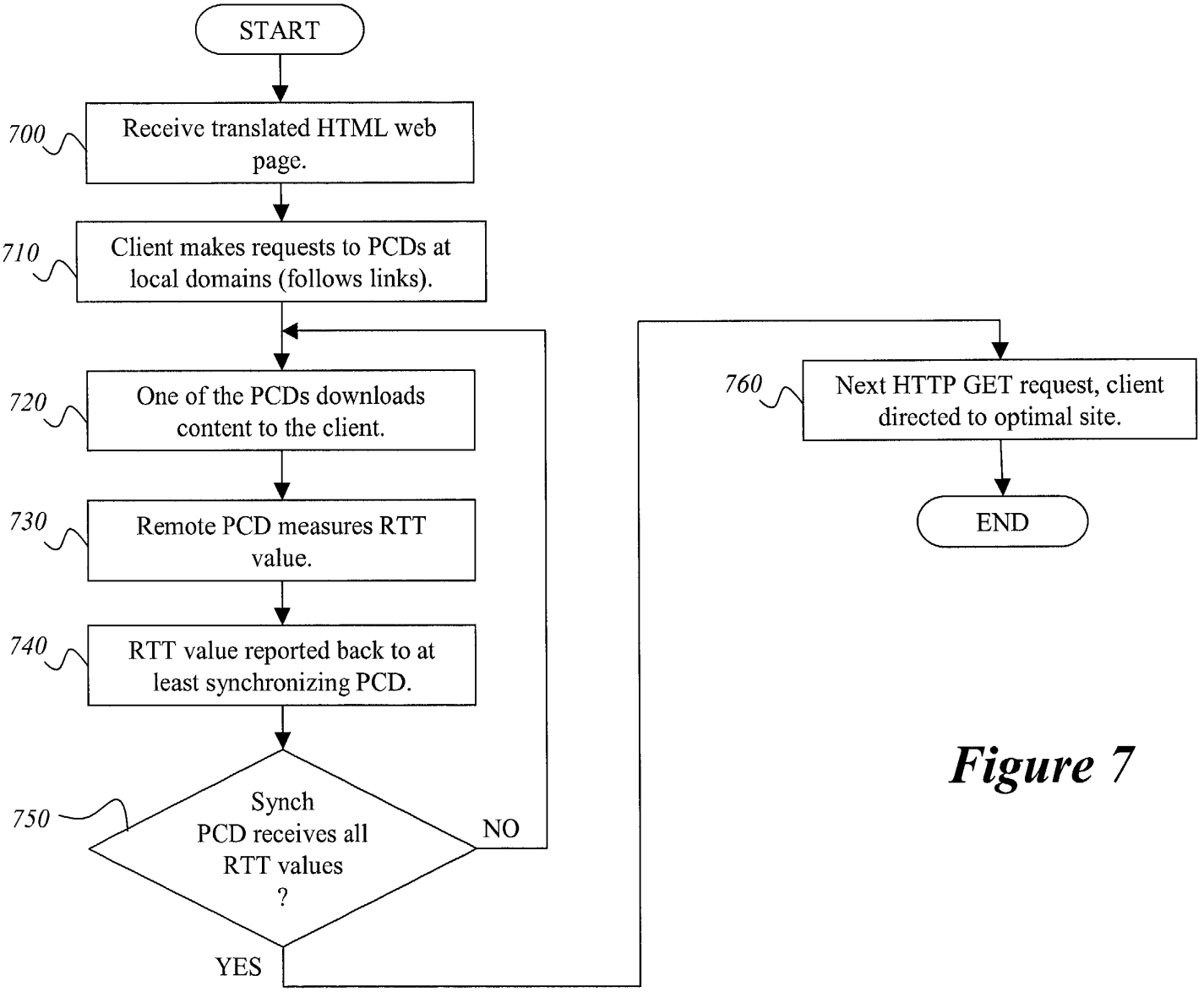
START
700
Receive translated HTML web page.
710
Client makes requests to PCDs at local domains (follows links).
720
One of the PCDs downloads content to the client.
730
Remote PCD measures RTT value.
740
RTT value reported back to at least synchronizing PCD.
750
Synch PCD receives all RTT values ?
NO
YES
760
Next HTTP GET request, client directed to optimal site.
END

Figure 7

TOT22T 9892001

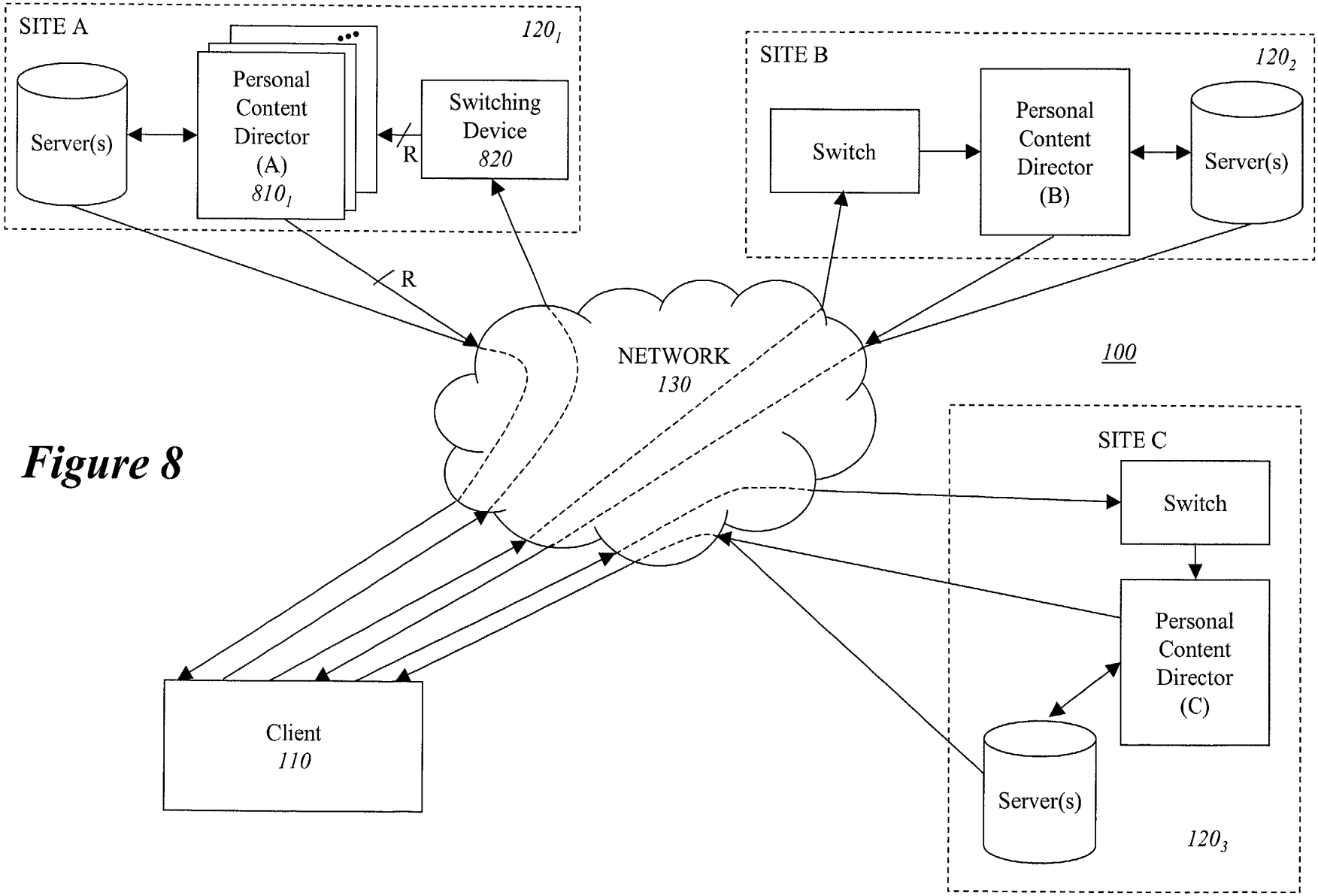

Figure 8

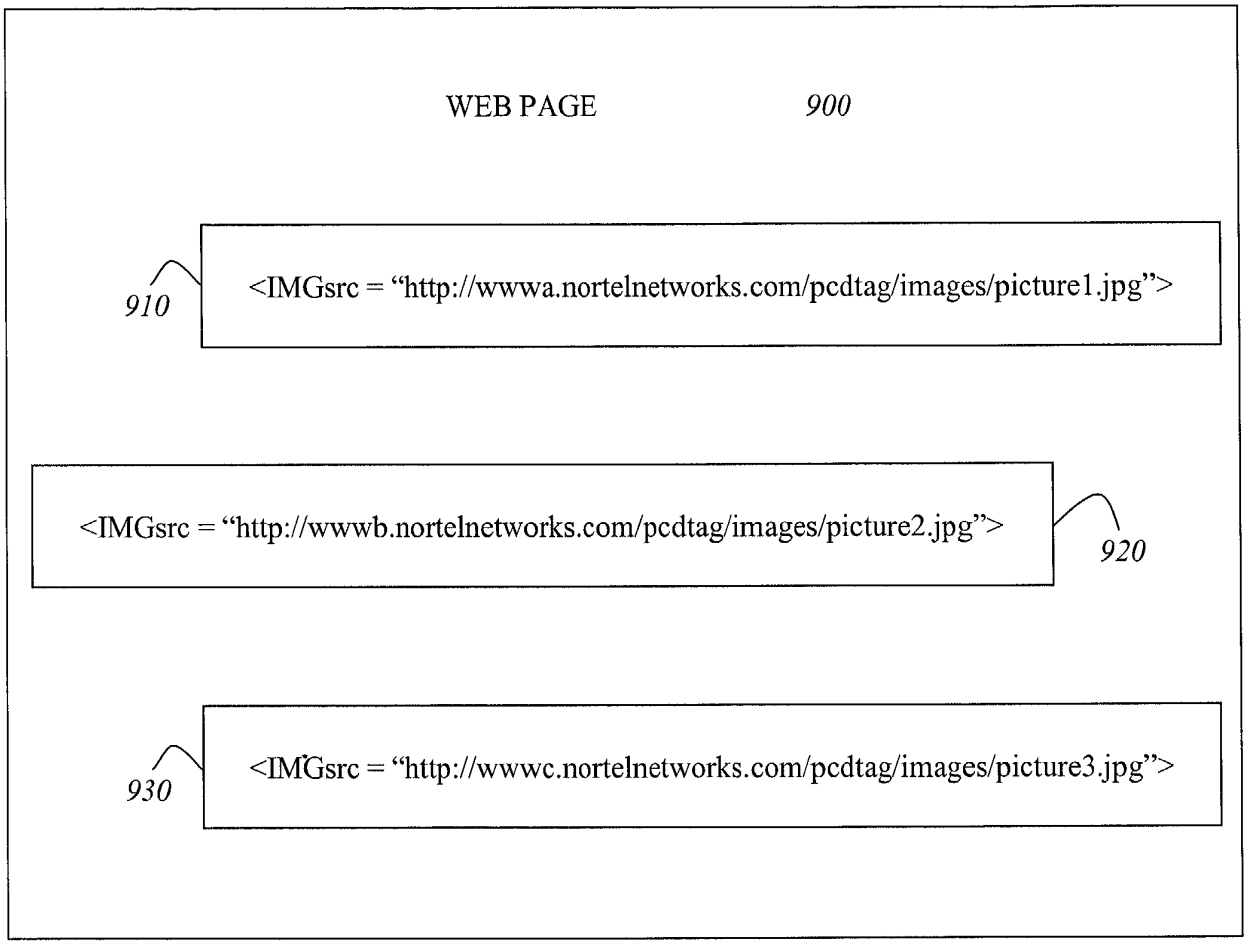
WEB PAGE
900
910
<IMGsrc = "http://wwwa.nortelnetworks.com/pcdtag/images/picture1.jpg">
<IMGsrc = "http://wwwb.nortelnetworks.com/pcdtag/images/picture2.jpg">
920
930
<IMGsrc = "http://wwwc.nortelnetworks.com/pcdtag/images/picture3.jpg">

Figure 9